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(12) United States Patent Kempf et al.

(10) Patent No.:

US 6,531,610 B1

(45) Date of Patent:

Mar. 11, 2003

(54) RETROVIRAL PROTEASE INHIBITING COMPOUNDS

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*) Notice: S

Subject to any disclaimer, the term of this patent is extended or adjusted under 35

U.S.C. 154(b) by 0 days.

(21) Appl. No.: 09/619,785

(22) Filed: Jul. 20, 2000

Related U.S. Application Data

(60) Division of application No. 09/207,881, filed on Dec. 8, 1998, now Pat. No. 6,150,530, which is a division of application No. 08/418,031, filed on Apr. 6, 1995, now Pat. No. 5,892,052, which is a division of application No. 08/158,587, filed on Dec. 2, 1993, now abandoned, which is a continuation-in-part of application No. 07/998,114, filed on Dec. 29, 1992, now abandoned, which is a continuation-in-part of application No. 07/777,626 filed on Oct. 23, 1991, now abandoned, which is a continuation-in-part of application No. 07/746,020, filed on Aug. 15, 1991, now abandoned, which is a continuation-in-part of application No. 07/616,170, filed on Nov. 20, 1990, now abandoned, which is a continuation-in-part of application No. 07/518,730, filed on May 9, 1990, now Pat. No. 5,142,056, which is a continuation-in-part of application No. 07/456,124, filed on Dec. 22, 1989, now abandoned, which is a continuation-in-part of application No. 07/405,604, filed on Sep. 8, 1989, now abandoned, which is a continuation-in-part of application No. 07/355,945, filed on May 23, 1989, now abandoned.

(51)	Int. Cl.	С07D 277/30
(52)	U.S. Cl.	548/204; 548/206; 548/236;
` /		548/247

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* cited by examiner

Primary Examiner—Jane Fan (74) Attorney, Agent, or Firm—Steven R. Crowley

(57) ABSTRACT

A retroviral protease inhibiting compound of the formula:

is disclosed.

12 Claims, No Drawings